

acro

aero

an

ana

amphi

aero **G**
(air, of gases, of aircraft)

aerobatics
aeronautics
aerospace
aerobic
aeroplane
aerodynamics
aerosol

amphi **G**
(both)

amphibia
amphibian
amphibious
amphitheater

acro **G**
(high)

acrobat
acrophobia
acropolis
acronym
acrobatic

an/ana **G**
(not, without, up)

anachronism	anarchy
analogue	aneurysm
anatomy	anorexia
anomalous	anaerobic
analysis	
anesthesia	
anonymous	
analgesia	

andro

anti

aristo

baro

anti
(against)

anti aircraft
antibody
antipathy
antisocial

antibiotic
antigen
antiseptic
antithesis

andro
(man)

android
androgynous

baro
(pressure)

barometer
isobar
barogram

aristo
(best)

aristocrat
aristocracy
aristocratic

chlor

cosmo

diplo

ectomy

cosmo
(universe)

cosmos	cosmic
microcosm	macrocosm
cosmonaut	cosmetic

chlor
(green)

chlorophyll
chlorine

ectomy
(cut away, part of body)

appendectomy
hysterectomy
mastectomy
tonsillectomy
vasectomy

diploe
(double)

diploma	diplomacy
diplomat	diplococcus

gamy

gon

hema

hemo

holo

gon
(having angles)

hexagon	octagon
pentagon	polygon

gamy
(marriage)

polygamy
monogamy
misogamy
bigamy

holo
(whole)

hologram
holocaust
holograph
holistic

hema/hemo
(blood)

hemoglobin	hemophilia
hemorrhage	hemostat
hematoma	

kine
kinesis

melano

naut

nesia

melano
(black)

melancholia
melancholy
melanin
melanoma

kine/kinesis
(movement)

kinescope
psychokinesis
kinetic
photokinesis

nesia
(island)

Micronesia
Polynesia
Melanesia

naut
(sailor)

aeronaut
aquanaut
astronaut
nautilus
nautical

no my

or a ma

pe d

ph a n

orama

(a view)

panorama

diorama

nomy

(law)

economy

astronomy

taxonomy

phan

(appearance)

phantom

diaphanous

sycophant

cellophane

epiphany

ped

(child, education)

encyclopedia

pediatrician

pedagogue

pedagogy

pedantic

plat(y)

pod

schisto

schizo

soph

sophos

pod
(foot)

podiatry
podium
tripod

plat(y)
(flat)

platypus
plate
platitude
plateau

soph/sophos
(wise)

philosophy
sophomoric
sophomore
sophisticated

schisto/schizo
(split)

schism
schizoid
schizophrenia

phobia

phon(e)

photo

physi

phon(e)
(sound)

G

dictaphone phonetics
phonogram symphony
phoneme symphonic
phonological stereophonic
phonograph
telephone
phonics
phonology

phobia
(fear)

G

acrophobia
hydrophobia
xenophobia
agoraphobia
necrophobia
claustrophobia
pyrophobia

physi
(nature)

G

physic
physical
physician
physiography
physiology
physiognomy
physiological
physiotherapy

photo
(light)

G

photocopier photosynthesis
photograph photon
photographer photoengraving
photographic photomicroscope
photogenic photometer
photography photocopy
photoscope
photoflash

geo

gram
graph

gyro

helio

gram/graph **G**
(write)

autograph geography telegraph
calligraphy graph gram
digraph lithography telegram
graphite mimeograph program
homograph biography monogram
monograph holograph grammar
photograph orthography diagram
autobiography phonograph

geo **G**
(earth, life)

geography geothermic
geographer geophysics
geographical geocentric
geologist geodesic
geology geomagnetic
geologist geodetic
geometry geosynchronous
geometric geological

helio **G**
(sun)

helicopter
heliotherapy
helium
heliocentric
heliotrope
helioscope
heliport

gyro **G**
(turn)

gyrate
gyration
gyroscope
gyroplane
gyrostat
gyrocompass
spirogyra
gyroidal

dem

dia

dox

dyna

dia **G**
(through)

diabetes	diadem
diagnosis	diacritical
diameter	diarrhea
diagram	
diagonal	
diaphanous	
diatribe	
diaphragm	

dem **G**
(people)

democracy
democrat
demography
demographic
demographer
demagogy
demagogue

dyna **G**
(power)

dynameter
dynamism
dynamic
dynamo
dynasty
dynastic
dynamite

dox **G**
(opinion)

doxology
paradox
heterodox
paradoxical
orthodox

eco

ecto

electro

eco **G**
(house)

ecology
ecological
ecologist
economist
economy
economical
ecosystem
ecocide

electro **G**
(electric)

electrocardiogram
electrode
electrolysis
electromagnetic
electron
electronics
electrolyte
electrocute electroencephalograph

dys **G**
(difficulty)

dyscalculia
dysfunctional
dysgraphia
dyslexia
dyspepsia
dysentery

ecto **G**
(outer)

ectoderm
ectoplasm
ectoskeleton
ectoplasmic
ectogenic
ectoparasite
ectomorphic

cardio

cata
cath(e)

centr

chrom(e)

cata/cath(e) **G**
(down)

catacyclism	cathedral
cataract	catheter
catalogue	cathode
catastrophe	
catapult	
catatonic	

cardio **G**
(heart)

cardiogram
cardiovascular
cardiology
cardiologist

chrom(e) **G**
(color)

chrome
chromatic
chromatin
chromatic
monochrome
polychrome
chromosome
chromium

centr **G**
(central)

central	centrist
centrist	concentric
centralize	concentrate
centrally	concentration
centrifugal	eccentric
centrifuge	
centripetal	

chron

circum

crat

cyclo

circum **G**
(around)

circumvent	circumcise
circumspect	circumlocution
circumstance	
circumstantial	
circumnavigate	
circumference	
circumscribe	
circumflex	

chron **G**
(time)

chronometer
chronicle
chronic
chronology
chronological
synchronize

cyclo **G**
(circle, wheel)

bicycle	cyclist
cycle	cyclic
tricycle	bicyclist
unicycle	
cyclone	
encyclical	
cyclotron	
cyclonoscope	

crat **G**
(rule, power)

autocracy
autocrat
democracy
democrat
autocrat
autocracy
plutocracy
plutocrat

anthrop

apo

arch(y)

archaeo

apo **G**
(away, from)

apology
apostrophe
apogee
apoplexy
apotheosis
apostle
apocryphal

anthrop **G**
(man)

anthropology
anthropomorphism
misanthropy
philanthropy
anthropoid
anthropomorphic
anthropecentric

archaeo **G**
(ancient)

archaeology
archaeologist
archaic

arch(y) **G**
(chief, ruler)

monarchy	oligarchy
monarch	hierarchy
archduke	patriarch
archangel	matriarch
archenemy	archdeacon
anarchy	archbishop
anarchist	
architect	architectonics

astro

auto

biblio

bio

auto **G**
(self)

autobiography	autonomy
autograph	autohypnosis
automobile	
autopsy	
autocracy	
autonomous	
autocrat	
automatic	

bio **G**
(life)

biology	biodegradable
biofeedback	biographical
biotin	bionic
biography	symbiosis
autobiography	symbiotic
biochemist	biogenesis
biopsy	biophysics
microbiology	bioastronautics

astro **G**
(star)

astrodynamics
astronaut
astrolab
astrology
astronomy
astronomical

biblio **G**
(book)

bibliophile
bibliography
bibliographer

endo

epi

ethno

eu

epi **G**
(on, upon, over, among, to)

epilogue	epidemic
epicenter	epidermis
epiglottis	epilepsy
epitaph	epistle
epoch	epitome
epigram	
episode	
epithet	

eu **G**
(well, good)

eucalyptus
eulogy
eugenics
euphony
euthanasia
euphemism
eurythmics

endo **G**
(within, inner)

endocrine
endoscope
endoderm
endoskeleton
endoplasm

ethno **G**
(nation)

ethnic
ethnology
ethnicity
ethnologist
ethnocentric

hetero

homo

hydra

hydro

hyper

homo **G**
(same)

homogeneity
homogenous
homologous
homophobia
homosexual
homonym
homozygous
homograph

hyper **G**
(over, above)

hyperactive hyperkinetic
hypercritical hypersensitivity
hypersensitive
hyperbole
hyperkinesis
hyperthyroid
hypertrophy
hypertension

hetero **G**
(other, different)

heterodox
heterosexual
heterogenous

hydra/hydro **G**
(water)

hydrant hydrophobia
hydrofoil hydrosphere
hydrometer hydroxide
hydroponics hydrangea
hydrotherapy hydrofluoric
hydraulic hydrolysis
hydroelectric hydroplane
hydrogen dehydration

hypo

iso

itis

macro

iso
(equal, similar)

G

isobar
isosceles
isomer
isotype
isometric

hypo
(under)

G

hypobole	hypokinetic
hypocrisy	hypotonic
hypodermic	hypothenuse
hypothesis	hypothetic
hypothyroid	hypothesize
hypochondria	hypocritical
hypocrite	hypothyroidism
hypoglycemia	

macro
(large, long)

G

macrobiotics
macrocosm
macron

itis
(disease)

G

appendicitis	peritonitis
dermatitis	
meningitis	
arthritis	
gastritis	
neuritis	
bronchitis	
hepatitis	

mania

mega

meta

meter

mega **G**
(large)

megahertz
megalopolis
megalith
megaphone
megaton
megalomania

mania **G**
(obsession, madness)

dipsomania
maniac
megalomania
kleptomania
pyromania
manic
maniacal

meter **G**
(measure)

barometer	kilometer
geometry	pedometer
perimeter	speedometer
thermometer	voltmeter
centimeter	
paremeter	geometry
seismometer	trigonometry
chronometer	geometric

meta **G**
(change)

metabolic	metallogic
metabolism	metamorphism
metabolize	metamorphosis
metaphor	metaphorical
metazoa	metaplasma
metaphysical	
metamorphic	
metagalaxy	

micro

morph

neo

neur

morph **G**
(change)

amorphous
morphology
morpheme
protomorphic
polymorphous
anthropomorphism
anthropomorphic
anthropomorphology

neur **G**
(nerve)

neural neurasthenia
neuritis neuropathology
neurology
neurosis neuron
neurotic neurosurgery
neurotomy
neuralgia
neurological

micro **G**
small)

microbe microorganism
microcosm microchip
micrograph micron
microscope microphone
Micronesia microwave
microbiology
microfiche
micrometer

neo **G**
(new)

neoclassic
neologism
neophyte
neocolonialism
neologist
neoplasm
neolithic
neon

nym

ology

orth(o)

oid

ology **G**
(study of)

biology	zoology
geology	morphology
dermatology	embryology
climatology	mineralogy
archaeology	ontology
bacteriology	pathology
criminology	sociology
psychology	ornithology

nym **G**
(name)

acronym
homonym
synonym
antonym
anonymous
synonymous
pseudonym

oid **G**
(like)

celluloid
cycloid
humanoid
typhoid
spheroid
hypnoid

orth(o) **G**
(straight)

orthodontic
orthography
orthographic
orthopedic
orthography
orthodox
orthopedist

osis

paleo

pan

para

paleo **G**
(old, ancient)

Paleocene
Paleozoic
paleontologist
paleontology

osis **G**
(state of, disease)

meiosis arteriosclerosis
osmosis psychosis
mitosis trichinosis
symbiosis tuberculosis
metamorphosis
diagnosis

para **G**
(beside) (beyond) (side-by-side)

parable	paradox	parallel
paragraph	paraphrase	
parameter	paraphernalia	
parabola		
paralysis		
paranoia		
paradigm		parallelogram
parasite		

pan **G**
(all)

pancreas
Pandora
pantheon
pandemic
panoply
pandemonium
panorama

path

peri

petro

phila

philo

phile

peri **G**
(around)

perihelion
peripatetic
peritoneum
perimeter
periphery
periodontal
periscope

phila/philo/phile **G**
(love)

philander	philology
philanthropy	philanthrope
philanthropic	philharmonic
philologist	philanthropist
philosophy	
philosophic	
philanderer	
philatelist	

path **G**
(suffering, feeling)

antipathy	pathology
sympathy	pathetic
sympathetic	pathologist
apathetic	pathological
apathy	neuropathology
empathy	osteopath
empathetic	
telepathy	

petro **G**
(rock)

petrify
petroleum
petrochemical
petroglyph

polit
polis

proto

psycho

pyro

proto
(first) **G**

proton
protoplasm
prototype
protozoan

polit/polis
(city) **G**

acropolis
metropolis
necropolis
policy
police
cosmopolitan
political
metropolitan

politics
geopolitics

pyro
(fire) **G**

pyrochemical
pyrotechnics
pyromania
pyromaniac

psycho
(soul, mind) **G**

psychedelic
psychiatry
psychiatric
psychic
psychotic
psychopath
psychosis
psychology

psychologist
psychogenic
psychoneurosis
psychotherapy
psychosomatic
psychoanalyst

scop(e)

spher(e)

techni

tele

spher **G**
(circle)

atmosphere
hemisphere
ionosphere
spheroid
troposphere
hydrosphere
stratosphere
atmospheric

scop(e) **G**
(watch, observe)

chronoscope	kaleidoscope
gyroscope	helioscope
periscope	cyclonoscope
telescope	fluoroscope
horoscope	seismoscope
microscope	thermoscope
photoscope	microscopic
stethoscope	spectroscope

tele **G**
(distant, far)

telecast	telekinesis	teletext
telegram	telepathy	telethon
telescope	teleconference	
telegraphy	telemeter	
telegraph	telephoto	
telephone	teleprocessing	
telecaster	teletypewriter	
teletype	television	

techni **G**
(skill, art)

pyrotechnics
technology
technically
technique
technocracy
technological
technicality
technician

therm

zoo

zoo
(animal)

G

zoology
zoologist
zoological

therm
(heat)

G

thermal
thermonuclear
thermostat
thermos
thermometer
thermodynamics